

Submission to US EPA Document Processing Desk

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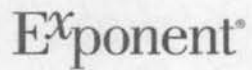
Date: December 21, 2018

Company: AMVAC Chemical Corporation  
FMC Corporation  
Gowan Company

Submission List:

This submission includes five documents and electronic files related to a toxicology study conducted on behalf of the three companies above. It relates to organophosphate pesticides and includes three laboratory reports from each company and two white papers on behalf of all three of the companies. The EPA contact for organophosphates is Amy Blankinship. The documents include:

- 50773501 • "Inhibition kinetics of malaoxon and omethoate on human and rat erythrocyte acetylcholinesterase" from Mississippi State University on behalf of FMC Corporation.
- 50773502 • "Inhibition kinetics of 13 organophosphates on human and rat erythrocyte acetylcholinesterase" from Mississippi State University on behalf of AMVAC Chemical Corporation.
- 50773503 • "Inhibition kinetics of bensulide oxon and phosmet oxon on human and rat erythrocyte acetylcholinesterase" from Mississippi State University on behalf of Gowan Company.
- 50773504 • "Data-derived extrapolation factors for pharmacodynamics for select organophosphate pesticides" from Exponent on behalf of AMVAC Chemical Corporation, FMC Corporation, and Gowan Company.
- 50773505 • "Pharmacodynamic parameters (PDPs) of human and rat acetylcholinesterase (AChE) inhibition by direct-acting organophosphate (OP) insecticides or active metabolites" from Exponent and University of Michigan on behalf of AMVAC Chemical Corporation, FMC Corporation, and Gowan Company.



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